ADAMOV, E.V.; KISLYAKOV, L.D.; NAGIRNYAK, F.I.; TROITSKIY, A.V., otv. red.

[Ore dressing practices for nonferrous, rare, and noble metals] Praktika obogashcheniia rud tsvetnykh redkikh i blagorodnykh metallov na fabrikakh SSSR. Moskva, Izd-vo "Nedra," 1964. 238 p. (MIRA 17:8)

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VERIGO, K.N.; TROITSKIY, A.V.

Accelerate the adoption by industry of self-grinding ores. TSvet. met. 36 no.12:1-5 D '63. (MIRA 17:2)

NISNEVICH, Mark L'vovich; RAT'KOVSKIY, Leonid Petrovich; KLASSEN, V.I., prof., doktor tekhn. nauk, retsenzent; KHOLIN, N.D., prof., retsenzent; RODIN, R.A., kand. tekhn. nauk, retsenzent; BOGOSLOVSKIY, V.A., inzh., retsenzent; IVANOV, I.K., inzh., retsenzent; TROITSKIY, A.V., inzh., nauchnyy red.; MIKHAYLOV, B.V., kand. tekhn. nauk, nauchn. red.; GOMOZOVA, N.A., red.izd-va; SHERSTNEVA, N.V., tekhn. red.

[Dressing nonmetallic building materials] Obogashchenie nerudnykh stroitel'nykh materialov. Moskva, Gosstroiizdat, 1963. 282 p. (MIRA 17:2)

OLEVSKIY, Viktor Aleksandrovich, kand. tekhn. nauk; BULYCHEV, V.V., retsenzent; TROITSKIY, A.V., otv. red.; KUNIK, V.P., red. izd-va; MINSKER, L.I., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[Crushing machinery in ore-dressing plants; manual on the design, calculation and operation of ball and rod mills] Razmol'noe oborudovanie obogatitel'nykh fabrik; spravochnoe posobie po konstruktsiiam, raschety i ekspluatatsii sharovykh i sterzhnevykh mel'nits. Moskva, Gosgortekhizdat, 1963. 446 p. (MIRA 16:10)

(Crushing machinery--Design and construction)

LUR'YE, Lev Afanas'yevich [deceased]; VOL'SKIY, A.N., akademik, retsenzent; STRIGIN, I.A., inzh., retsenzent; TROITSKIY, A.V., red.; MISHARINA, K.D., red.izd-va; DOBUZHINSKAYA, L.V., tekhn. red.

[Briquetting in ferrous and nonferrous metallurgy] Briketirovanie v chernoi i tsvetnoi metallurgii. Moskva, Metallurgizdat, 1963. 320 p. (MIRA 16:12)
(Ore dressing) (Briquets)

FISHMAN, Mikhail Aleksandrovich; SOBOLEV, David Semenovich; STRIGIN, I.A., retsenzent; TROITSKIY, A.V., red.; MAKRUSHINA, Ye.A., red.izd-va; SHKLYAR, S.Ya., tekhn. red.; MINSKER, A.I., tekhn. red.

[Practices in nonferrous and rare metal ore dressing] Praktika obogashcheniia rud tsvetnykh i redkikh metallov. Pod red. A.V.Troitskogo. Moskva, Gosgortekhizdat. Vol.4.[Rare metal ore dressing] Obogashchenie rud redkikh metallov. 1963. 712 p. (MIRA 16:8)

(Ore dressing) (Metals, Rare and minor)
(Rare-earth metals)

BUZUNOV, I.A., dots.; GRIBANOV, I.I., dots.; IVANOV, A.I., prof. [deceased]; MASLOV, M.I.,dots.; RACHINSKIY, A.A., dots.; TROITSKIY, A.A., dots.; TROITSKIY, A.V., prof.; KHORST, G.O., dots.; BEN'YAMINOVICH, E.M., retsenzent; KRITSKIY, V.M., retsenzent; POYARKOV, V.F., retsenzent; BATURIN, S.I., spets. red.; TIKHONOVA, I., red.; BAKHTIYAROV, A., tekhn. red.

[Manual for hydraulic and irrigation engineers] Spravochnik gidrotekhnika-irrigatora. [By] I.A.Buzunov i dr. Tashkent, Gosizdat UzSSR. Pt.1. 1962. 442 p. (MIRA 16:7)
(Hydraulic engineering) (Irrigation)

ZAKHAROV, V.P., doktro tekhn.nauk (Alma-Ata); MOZHEVITINOV, A.L., prof. (Leningrad); ORANSKIY, I.N., kand.tekhn.nauk (Tashkent); TROITSKIY, A.V., inzh. (Tashkent)

Methodology for determining the economic efficiency of hydroelectric power stations. Elektrichestvo no.3:91-93 Mr '63. (MIRA 16:4)
(Hydroelectric power stations)

BANKETOV, A.K.; VERIGO, K.N.; MAKRUSHINA, Ye.A.; SEDOVA, G.A.;
TOMOVA, I.S.; FOMICHEV, L.Kh., red.; TROITSKIY, A.V.,
red.; VELLER, L.Ye., red.; LOGINOVA, Ye.I., tekhn.red.

[Copper industries in capitalist countries]Mednaia promyshlennost' kapitalisticheskikh stran. Moskva, Pt.1. [Mining and treatment of copper ores]Dobycha i obogashchenie mednykh rud. 1962. 171 p. (MIRA 16:4)

1. Moscow. TSentral'nyy institut informatsii tsvetnoy metallurgii.
(Copper mines and mining) (Ore dressing)

KOROBOV, P.I.; KHLEBNIKOV, V.B.; BORISOV, A.F.; SKOCHINSKIY, A.A.; SHEVYAKOV, L.D.; MEL'NIKOV, N.V.; MALESHKIN, S.M.; MOSKAL'KOV, Ye.F.; POKROVSKIY, M.A.; KAPLUNOV, R.P.; BOGOLYUBOV, B.P.; ARUTYUNOV, N.B.; BOYKO, V.Ye.; BRINZA, N.M.; FEDOROV, V.F.; AGOSHKOV, M.I.; BARONENKOV, A.V.; VORONIN, L.N.; IPATOV, P.M.; NAZAROV, P.P.; SLUTSKAYA, O.N.; CHERNENKO, N.B.; RABINOVICH, V.I.; BELEVSKIY, V.N.; TROITSKIY, A.V.; GOL'DIN, Ya.A.; DZHAPARIDZE, Ye.A.; ZHURAVLEV, S.P.; KUZNETSOV, K.K.; MALEVICH, N.A.; MARINENKO, M.P.; MARTYNOV, G.P.; NATAPOV, P.F.; PERTSEV, M.A.; ROSSMIT, A.F.; RYASNOY, A.A.; SOSEDOV, O.O.; VINOGRADOV, V.S.; ZUBAREV, S.N.; SHAFARENKO, I.P.

Nikolai Nikolaevich Patrikeev; an obituary. Gor.zhur. no.6:76 Je '60. (MIRA 14:2)
(Patrikeev, Nikolai Nikolaevich, 1890-1960)

TROITSKIY, A.V., kand.sel'skokhozyaystvennykh nauk, dotsent

Hydraulic design of the cross section of canals. Trudy TIIIMSKH no.1:37-74 '55. (MIRA 15:4)

1. Kafedra gidravliki Tashkentskogo instituta inzhenerov irrigatsii i mekhanizatsii sel'skogo khozyaystva.
(Irrigation canals and flumes)

TROITSKIY, A.V.

Thorough and efficient use of natural resources of ferrous and nonferrous metal ores. Gor. zhur. no.12:5-6 D '61. (MIRA 15:2)

(Mines and mineral resources)

BYKHOVSKIY, Yu.A., red.; VELLER, R.L.[deceased], red.; GREYVER, N.S.,
red.; KLUSHIN, D.N., red.; OL'KHOV, N.P.[deceased], red.;
RUMYANTSEV, M.V., red.; SAZHIN, N.P., red.; STRIGIN, I.A.,
red.; TROITSKIY, A.V., red.; EL'KIND, L.M., red. izd-va;
MISHARINA, K.D., red.; LUTSKAYA, G.A., red.; VAYNSHTEYN,
Ye.B., tekhn. red.

[Principles of metallurgy in four volumes]Osnovy metallurgii
v chetyrekh tomakh. Red.kollegiia: IU.A.Bykhovskii i dr.
Moskva, Metallurgizdat. Vol.2. Heavy metals]Tiazhelye metally. 1962. 792 p. (MIRA 15:8)

(Iron--Metallurgy)
(Nonferrous metals--Metallurgy)

TROITSKIY, A.V.

Effect of trapezoid cross section on the loss of water in channels under conditions of seepage. Trudy TIIIMSKH no.8: 166-173 '57. (MIRA 15:5)

(Irrigation canals and flumes)
(Seepage)

SKOROV, Vasiliy Andreyevich; ~~TROITSKIY, A.V., otv.~~ red.; GARBER, T.N., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Ore dresser]Obogatitel' gornorudnoi promyshlennosti. Moskva, Gosgortekhizdat, 1961. 311 p. (MIRA 15:10)
(Ore dressing)

TROITSKIY, A.V.

Wetting of canal sections passing through fillings. Trudy TIIIMSKH no.8:110-112 '57. (MIRA 15:5)
(North Tashkent Canal--Hydraulic engineering)

TROITSKIY, A.V.

Determining conjugate depths in prismatic channels with parabolic cross sections. Trudy TIIIMSKH no.8:131-135 '57. (MIRA 15:5)
(Hydraulics)

TROITSKIY, A.V., kand.tekhn.nauk, dotsent

Regularities in the abrasive wear of capron. Vest.mashinostr. 42 no.6:33-35 Je '62. (MIRA 15:6)

(Nylon--Testing)

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[Principles of metallurgy; in four volumes] Osnovy metallurgii; v chetyrekh tomakh. Red. kollegiia: IU.A.Bykhovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Vol.1.[General metallurgy] Obshchie voprosy metallurgii. Otv.red. N.S.Greiver i dr. Pt.1. 1961. 661 p. p.2. 1961. 780 p. (MIRA 14:8)

(Metallurgy)

BASOV, Aleksandr Ivanovich; TROITSKIY, A.V., red.; YEZDOKOVA, M.L., red. izd-va; KARASEV, A.I., tekhn. red.

[Mechanical equipment of plants of heavy nonferrous metals] Mekhanicheskoe oborudovanie zavodov tiazhelykh tsvetnykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 699 p. (MIRA 14:9)

(Nonferrous metal industries—Equipment and supplies)

FISHMAN, Mikhail Aleksandrovich; SOBOLEV, David Semenovich; TROITSKIY, A.V., otv. red.; GARBER, T.N., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Nonferrous and rare metal ore dressing practices] Praktika obogashcheniia rud tsvetnykh i redkikh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu. Vol.3. [Dressing of nickel and cobalt ores] Obogashchenie nikelevykh i kobal'tovykh rud. Pod red. A.V.Troitskogo. 1961. 150 p. (MIRA 14:6)

(Ore dressing) (Nonferrous metals)

SLAVNIN, Geliy Porfir'yevich; TROITSKIY, A.V., inzh., otv.red.; GARBER, T.N., red.izd-va; IL'INSKAYA, G.M., tekhn.red.

[Flotation and gravity separation of coarse impregnated ores] Flotatsiia i flotogravitatsiia krupnovkraplennykh rud. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 130 p. (MIRA 14:3)

(Flotation)

SOBOLEV, David Semenovich; FISHMAN, Mikhail Aleksandrovich; TROITSKIY,
A.V., otv.red.; YEZDAKOVA, M.L., red.izd-va; SHKLYAR, S.Ya.,
tekhn.red.; BOLDYREVA, Z.A., tekhn.red.

[Nonferrous and rare metal ore dressing practices] Praktika
obogashchenia rud tsvetnykh i redkikh metallov. Pod red. A.V.
Troitskogo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu. Vol.2. [Dressing of copper ores] Obogashchenie mednykh
rud. 1960. 588 p. (MIRA 14:1)
(Ore dressing) (Copper ores)

OLEVSKIY, Viktor Aleksandrovich, kand.tekhn.nauk; ALEKSANDROV, S.P., prof., retsenzent; TROITSKIY, A.V., inzh., retsenzent; ALEKSANDROV, S.P., prof., otv.red.; YEZDOKOVA, M.L., red. izd-va; ISLENT'YEVA, P.G., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Design and calculation of mechanical classifiers and hydrocyclones] Konstruktsii i raschet mekhanicheskikh klassifikatorov i gidrotsiklonov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 314 p. (MIRA 13:7)
(Separators (Machines))

KLASSEN, Villi Ivanovich, prof., dokt. tekhn. nauk; MOKROUSOV, Vladimir Alekseyevich, kand. tekhn. nauk; KROKHIN, S.I., dotsent, retsenzent; TROITSKIY, A.V., inzh., red.; YEZDOKOVA, M.L., red. izd-va; ATTOPOVICH, M.K., tekhn. red.

[Introduction to the flotation theory] Vvedenie v teoriiu flotatsii. Izd.2., dop. i perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 636 p. (MIRA 13:3)

1. Zaveduyushchiy kafedroy obogashcheniya SKGMI (for Krokhin).
(Flotation)

FISHMAN, Mikhail Aleksandrovich, dotsent, kand.tekhn.nauk; TROITSKIY, A.V., red.; YEZDOKOVA, M.L., red.izd-va; IL'INSKAYA, G.M., tekhn.red.

[Impact crushing machines] Drobilki udarnogo deistviia. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 187 p. (MIRA 13:3)

(Crushing machinery)

SOV/124-58-11-12613

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 97 (USSR)

AUTHOR: Troitskiy, A. V.

TITLE: Some Problems of the Hydraulics of Canals (Nekotoryye voprosy gidravliki kanalov)

PERIODICAL: Tr. Tashkentsk. in-ta inzh. irrig. i mekhaniz. s. kh., 1956, Nr 2, pp 89-95

ABSTRACT: The author computes the central angle of the circular segment which constitutes the hydraulically most efficient section of a canal having a prescribed surface width and cross-sectional area and a minimal wetted perimeter. The author employs therefor a formula previously proposed by him (Tr. Tashkentsk. in-ta inzh. irrig. i mekhaniz. s. kh., 1955, Nr 1, pp 37-74; RZhMekh, 1958, Nr 1, abstract 602), which relates the discharge rate with any desired linear dimension of the section. Utilizing the same formula he proposes a solution for the problem of the determination of the dimensions of the trapezoidal section having a minimal surface width (the case of a canal in a deep cut).

B. A. Fidman

Card 1/1

M.

USSR/Cultivated Plants - Fodder.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15662

Author : A.V. Troitskiy

Inst : The Ukrainian Scientific Research Institute for Hydrotechnics and Melioration.

Title : Raising Green Fodder Conveyor System Crops on Peat Soil. (Vyrashchivaniye kul'tur zelenogo konveyyera na torfyanykh pochvakh).

Orig Pub : Byul. anuchno-tekhn. inform. Ukr. n.-i. in-t gidrotekhn. i melior., 1956, No 2, 40-41.

Abstract : Based on the work of the Panfilovskiy Swamp Experimental Field and a generalized view of the kolkhoz experiments, the author recommends an alternating crop according to the green fodder conveyor system for peat soils. The proposed scheme is designed to provide cattle with green

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USSR/Cultivated Plants - Fodder. M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15662

feed from the beginning of May to the middle of October. In the order of use in the green fodder conveyor system, the following fodder plants are: winter rye, reed canary grass, meadow foxtail, dew grass (first harvesting, sown the previous year[illegible]; meadow grass mixture (first harvesting, sowing in previous years); vetch and oats with annual rye-grass; reed canary grass, foxtail, orchar grass (second mowing); a mixture of corn and peas; Japanese millet, perennial meadow grasses (the second harvesting); corn; the mangel-wurzel and fodder cabbage; perennial meadow grasses (fog). Besides these crops, it is proposed that sugar beet tops be used for forage.

Card 2/2

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IKOITSKIY, A-V.

USSR/Technical Crops. Oil Plants. Sugar Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77768.

Author : Troitskiy, A.
Inst :
Title : Experiment on Square-Nest Distribution of Cotton in Tadzhikistan.

Orig Pub: V sb.: Materialy Ob"yedin. nauchn. sessii po khlopkovodstvu, T.I. Tashkent, Gosizdat UzSSR, 1958, 502-510.

Abstract: No abstract.

Card : 1/1

110

AUTHOR: Troitskiy, A. V. SOV/72-58-8-7/17

TITLE: The Behavior of the Grain of an Abrasive in the Grinding Process (Povedeniye zerna abraziva v protsesse shlifovki)

PERIODICAL: Steklo i keramika, 1958, Nr 8, pp. 22-25 (USSR)

ABSTRACT: N. I. Polyakov (Ref 1), as well as T. P. Kapustina assume in their work that the grain of an abrasive rolls in grinding. Based on experimental investigations in a previous paper (Ref 1) the author of the present article was of another opinion. The author gives a theoretical analysis of the conditions which determine the character of the motion of the grains during the grinding process. The size of the grains between the glass wheel surface and the grinding wheel varies. However, only a small part of them is simultaneously in touch with both the grinding wheel and the glass. The number of grains being in contact with grinding wheel and glass surface increases with the decrease of the glass hardness and of the elasticity and hardness of the grinding wheel. The behavior of the grains determines to a great extent the kind of destruction of the glass and thus the efficiency of the grinding process. It depends on the ratio between the

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SOV/72-58-6-7/17

The Behavior of the Grain of an Abrasive in the Grinding Process

moments and forces acting upon the grain as well as on the shape of the grain and the roughness of the grinding wheel and the glass surface. Then the author carries out analyses of the behavior of a grain under different conditions. Figure 1 shows a grain of rolled-off shape, touching the smooth grinding wheel and the glass surface; the author refers to the papers by I. V. Kragel'skiy and D. V. Konvisarov (Ref 1). Figure 2 shows a grain of cornered shape between the smooth surfaces of grinding wheel and glass. Figure 3 shows a grain of rounded-off shape between the surfaces of the grinding wheel and the glass, and figure 4 shows a grain of cornered shape between the rough surfaces of grinding wheel and glass. Figure 5 shows the case where glass- and grinding wheel surface, respectively, are deformed. In all these cases the forces and moments acting upon the grain are given. As may be seen the small grains of cornered shape glide on the glass surface and cut and scratch it. Hence, the power of the grinding process is greater than in the case of a rounded-off grain which also rolls itself. There are 5 figures and 3 references, [illegible] which are Soviet.

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SOV/ 72-58-6-[illegible]

The Behavior of the Grain of an Abrasive in the Grinding Process

1. Grinding wheels--Performance 2. Grinding wheels--Theory 3. Glass--Processing

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SOV/124-58-1-602

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 74 (USSR)

AUTHOR: Troitskiy, A. V.

TITLE: The Hydraulic Design of Channel Cross Sections (Gidravlichekoye proyektirovaniye secheniy kanalov)

PERIODICAL: Tr. Tashkentsk. in-ta inzh. irrigatsii i mekhaniz. s. kh., 1955, Nr 1, pp 37-74

ABSTRACT: The paper proposes a method for the determination of the shape and dimensions of the cross section of a channel that would satisfy the conditions of hydraulic stability, freedom from erosion and siltation, minimization of seepage losses, adequate discharge capacity, and economic feasibility. The proposed method takes into account the fundamental hydraulic requirements exacted of the section of a channel. The computed characteristics of the section of a channel are characterized by the nondimensional quantity $\chi_o = \chi/R$, i.e., the specific wetted perimeter (form criterion), where χ is the wetted perimeter of the section and R is the hydraulic radius. Chapter I examines in detail the concept of the specific wetted perimeter. The dependence of χ_o on the basic characteristics of a section are studied for a

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The Hydraulic Design of Channel Cross Sections SOV/124-58-1-602

trapezoidal section. Graphs are provided for these relationships. Utilizing the concept of the specific wetted perimeter, the author obtains relationships for the discharge Q, the mean velocity V, and the slope i in terms of χ_0 which enable him to determine any generic lineal section element as a function of Q, V, i, and the wall roughness coefficient n. In the relationships thus obtained the effect of the flow parameters and the characteristic stream-bed parameters are isolated from the effect of the cross-sectional shape. The author adduces and analyzes the solution of problems of the determination of channel-section characteristics in which no supplementary conditions are imposed a priori on the desired quantities. A nomogram is constructed for channels with prescribed discharge. The same is done for the hydraulically most advantageous section. In chapter II the condition of freedom from erosion and siltation is stated in terms of inequalities for the specific wetted perimeter. A nomogram is given for the determination of the values of χ_0 for prescribed values of Q, i, n, V_0, and α (where α is an index dependent on the type of soil). Formulas for the determination of noneroding and nonsilting slopes of a channel, for prescribed conditions, are derived in the form of inequalities. The author establishes a condition for χ_0 the fulfillment of which in a channel section ensures the avoidance of erosion and siltation. Bibliography: 26 references.

Card 2/2

I. A. Grishkan

SOV/137-57-11-20797

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 23 (USSR)

AUTHOR: Troitskiy, A.V.

TITLE: How to Speed Solution of the Problem of Providing Flotation Reactants to Dressing Mills (Bystreye reshit' problemu obespecheniya obogatitel'nykh fabrik flotatsionnymi reagentami)

PERIODICAL: Obogashcheniye rud, 1956, Nr 5, pp 1-6

ABSTRACT: The example of the production of reactants in the USA, France, the Polish People's Republic, and the German Federal Republic is taken as the basis for recommending measures for the expansion and improvement of production of the reactants employed, and also for organizing the production of new reactants. Attention is called to the need to carry out scientific research to study new flotation reactants.

S.M.

Card 1/1

MITROFANOV, Spiridon Ivanovich,; EYGELES, M.A., doktor tekhn. nauk, retsenzent,; STREL'TSIN, G.S., kand.tekhn.nauk, retsenzent; MATVEYENKO, N.V., inzh., retsenzent,; TROITSKIY, A.V., red.; YEZDOKOVA, M.L., red. izd-va,; VAYNSTEYN, Ye. B., tekhn. red.

[Selective flotation] Selektivnaia flotatsiia; teoriia i praktika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 726 p. (MIRA 11:11)

(Flotation)

FEDOROV, V.F.; TROITSKIY, A.V.

Fuller and more efficient use of U.S.S.R. ore resources. (MIRA 11:10)
Gor. zhur. no.9:3-6 S '58.
(Mines and mineral resources)

TROITSKIY, A.V.

BAKAKIN, V.P.; BUBOK, K.G.; BUGAREV, L.A.; BUNIN, A.I.; VOROB'YEV, K.V.
DROZDOV, V.V.; DOROKHOV, M.S.; ZUBRILOV, S.V.; IGNAT'YEV, L.A.
KARGOPOLOV, I.G.; KLUSHIN, D.N.; KOMAROV, A.M.; KURILOV, M.S.;
LOMAKO, P.F.; MIKULENKO, A.S.; MIKHAYLOV, M.M.; NEMTINOV, B.A.;
OL'KHOV, N.P.; OSIPOVA, T.V.; PAKHOMOV, Ya.D.; PLAKSIN, I.N.;
PODCHAYNOV, S.F.; PUSTYL'NIK, I.I.; ROZHKOV, I.S.; SAVARI, Ye.A.;
SEMYNIN, A.P.; SPIVAKOV, Ya.N.; STRIGIN, I.A.; SUSHENTSOV, S.N.;
SYCHEV, P.S.; TROITSKIY, A.V.; USHAKOV, K.I.; KHARLAMOV, A.Ye.;
SHEMYAKIN, N.I. [redacted]

Nikolai Konstantinovich Chaplygin. TSvet. met. 28 no.2:57-58
Mr-Ap '55. (MIRA 10:10)
(Chaplygin, Nikolai Konstantinovich, 1911-1955)

TROITSKIY, A.V.

Comments on the article of the member-correspondent of the Academy of Sciences of the Uzbek S.S.R. M.S. Vyzgo "Hydraulic scheme of the erosion below horizontal spillways and calculation formula for the erosion depth." Izv. AN Uz.SSR.Ser.tekh.nauk no.3:99-102 '57. (MIRA 11:7)

(Hydraulics)

SOV-127-58-9-1/20

AUTHORS: Fedorov, V.F., Troitskiy, A.V.

TITLE: A More Complete and Effective Use of Mineral Deposits in the USSR (Polneye i ratsional'neye ispol'zovat' rudnyye bogatstva SSSR)

PERIODICAL: Gornyy zhurnal, 1958, Nr 9, pp 3-6 (USSR)

ABSTRACT: The output of different ores will be increased in the next 15 years, in accordance with orders issued by the Party and the government. New large processing plants and mines will be put into operation, and processing methods of complex utilization of ores will be improved and modernized. Very often rare and precious minerals are lost during dressing operations of ferrous and non-ferrous ores. In the present level of technology, many of the components are extracted but in general the level of complex utilization of all components of the ores is still very low. During prospecting operations, these rare additional components are not taken into consideration and the Gosudarstvennaya komissiya po zapasam - GKZ (The State Commission on Reserves - GKZ) cannot evaluate completely the reserves because of a lack of information on the additional component. The authors cite many cases where the utilization of various additional components was made impossible in adequate

Card 1/2

SOV-127-58-9-1/20

A More Complete and **Effective** Use of Mineral Deposits in the USSR

analyzing apparatuses. In other regions where ore concentration plants were to be built, their construction was delayed far too long. The authors appeal to different geological workers and to all institutions concerned with such tasks to increase their efforts and to find new methods and processes for complex utilization of all composite ores.
There are 2 Soviet references.

1. Mining industry--USSR 2. Ores--Production 3. Ores--Processing

Card 2/2

TROITSKIY, A.V.

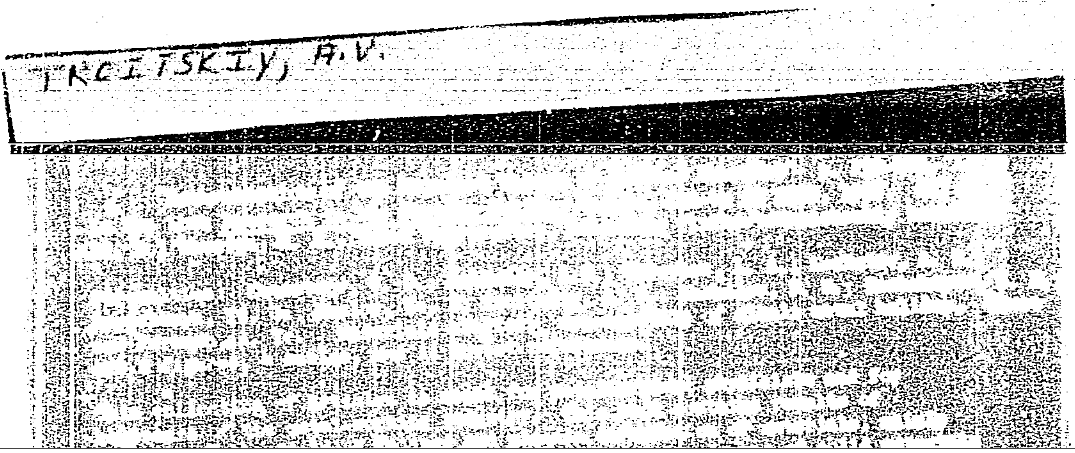
Abrasive grain behavior in the grinding process. Stek. i ker. 15 no.8:22-25 Ag '58. (MIRA 11:8)

(Glass manufacture) (Grining and polishing)

Troitskiy, A.V.

OLEVSKIY, Viktor Aleksandrovich, kand.tekhn.nauk; VERIGO, retsenzent;
TROITSKIY, A.V., retsenzent; YEZDOKOVA, M.L., red.izd-va;
BERLOVA, A.P., tekhn.red.

[Construction, design and operation of crushing machinery]
Konstruktsii, raschety i ekspluatatsiia drobilok. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1958. 459 p. (MIRA 11:4)
(Crushing machinery)



TROITSKIY, A.V.

FISHMAN, Mikhail Aleksandrovich; SOBOLEV, David Semenovich; TROITSKIY, A.V., red.; YEZDOKOVA, M.L., red.izdatel'stva; EVENSON, I.M., tekhn.red.

[Methods of dressing ores of nonferrous and rare metals] Praktika obogashcheniia rud tsvetnykh i redkikh metallov. Pod red. A.V.Troitskogo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Vol.1 [The dressing of complex ores] Obogashchenie polimetallicheskikh rud. 1957. 595 p. (MIRA 10:12)

(Ore dressing)

VISLOGUZOV, V.M., inzh.; TROITSKIY, A.V., inzh.

Development of Russian ore-dressing techniques. Gor. zhur. no.11: 73-77 N '57. (MIRA 10:12)

(Ore dressing)

TROITSKIY, A.V.

136-10-4/13

AUTHOR: Troitskiy, A.V.

TITLE: Soviet Practice for the Beneficiation of Non-Ferrous Metal Ores (Otechestvennaya tekhnika obogashcheniya rud tsvetnykh metallov)

PERIODICAL: Tsvetnyye Metally, 1957, Nr 10, pp.24-30 (USSR)

ABSTRACT: After describing the wasteful mining and treatment of non-ferrous metal ores in pre-Revolutionary Russia, the author outlines the developments which have contributed to the present total of over 200 working beneficiation plants, many of them with daily productivities equal to the annual productivity each of the early plants and working with high efficiencies. He mentions that present trends are in the direction of the extension of selective flotation, the intensification of gravitational and electromagnetic processes and the full adoption of combined technological schemes of beneficiation, and discusses possible improvements in equipment and methods. Among shortcomings listed are: in spite of the proved advantages of automation the work of the Mekhanobr and Gintsvetmet organisations and the Central

Card 1/2

136-10-4/13

Soviet Practice for the Beneficiation of Non-Ferrous Metal Ores.

automation in this field is insufficient; the new reagents, IM-11 and IM-68 developed some years ago by the Mekhanobr institute are still not in production; progress is slow in the extension of the application of methods of flotational beneficiation of cassiterite and wolframite developed by the Gintsvetmet and Mekhanobr institutes. After listing the measures to be introduced during the sixth five-year plan, the author discusses necessary ancillary developments.

AVAILABLE: Library of Congress.

Card 2/2

[illegible]

AUTHORS: Visloguzov, V.M. and Troitskiy, A.V., Engineers 127-11-11/12

TITLE: Development of Domestic Technology of Ore Concentration (Razvitiye otechestvennoy tekhniki obogashcheniya rud)

PERIODICAL: Gornyy Zhurnal, 1957, # 11, pp 73-77 (USSR)

ABSTRACT: During World War II, large concentration enterprises were constructed: the concentration-agglomeration combine in Vysokaya Gora, the ore-preparation combine in Bakaly, and two agglomeration plants in Serovo and Chusovo. In 1952, the concentration-agglomeration plant of the "KMAruda" (Kursk Magnetic Anomaly ore) combine was put into operation for concentration of magnetite quartzites. At present, the second magnetic-concentration plant is being built and a flotation plant has been completed there. In 1955, a large concentration plant was constructed in Olenegorsk for the concentration of magnetite-hematite quartzites. In 1956, the South Mining-Concentration Combine was put into operation for the concentration of magnetite quartzites. During the Sixth 5-Year Plan, construction of the large concentration plants of the Sokolov-Sarbay, Kachkanar, Korshunov and other combines will be completed. The problem of complex utilization of titanium-magnetites containing iron, vanadium, titanium and cobalt has been solved, and a flotation concentrat-

Card 1/3

Development of Domestic Technology of Ore Concentration 127-11-11/12

ion method has been developed which permits to increase by 50% the extraction of titanium. Qualitative characteristics of concentration of the iron ores are: extraction amounts to 80 to 85%, and iron content in concentrate amounts to 60%. Concentration technology developed also in non-ferrous metallurgy. During World War II, the following concentration plants were constructed: a molybdenium plant in Balkhash; lead-zinc plants in Tekeli, Belousovka, Berezovskiy; tungsten plants in Shakhtominsk and Lyangar, etc. After World War II, the following concentration plants have been put into operation: the Kadzharan copper-molybdenium plant, the Dzhezkazgan copper plant, the Altyn-Topkan lead-zinc plant, the Mirgalimsay lead plant, and a number of others. The total number of concentration plants operating now in the non-ferrous metallurgy exceeds 200. Individual plants have capacities of 30,000 tons of ore per day. All modern methods of concentration are now in use in the non-ferrous metallurgy plants: the collective and selective flotation with anion and cation reagents, magnetic concentration in strong fields, electrostatic concentration, gravitational concentration in heavy suspensions, in hydrocyclons, in screw separators, etc. Qualitative characteristics are also very high: more than 70% of metal is extracted from the ores con-

Card 2/3

Development of Domestic Technology of Ore Concentration 127-11-11/12

taining a few hundredths of a useful mineral and 85 to 95% of metal is extracted from the lead-copper ores containing a few per cent of copper or lead. Heavy equipment for the concentration plants is manufactured in the Uralmashzavod and Irkutsk Heavy Machinery Plant.
The article contains 6 photos and 1 table (of them 4 photos in a separate insertion).

AVAILABLE: Library of Congress

Card 3/3

USSR/Miscellaneous - Glass polishing

Card 1/1 Pub. 104 - 2/10

Authors : Troitskiy, A. V.

Title : The effect of the form of sand grains on its polishing capacity

Periodical : Stek. i ker. 11/12, 5-9, Dec 1954

Abstract : The importance of glass polishing is shown from the fact that the Fifth Five-Year Plan is expected to produce a quadrupling of the production of polished glass. A description is given of experiments conducted to determine the effect in glass polishing of grains of sand of different shapes. The sizes of the grains and the pressure and temperature factors are considered. Conclusions are reached as to the proper grinding of sand before using it as an abrasive in order to prevent scratching. Three Russian references. Illustrations; graphs; table; drawings.

Institution : ...

Submitted : ...

TROITSKIY, A.V.

10466. Influence of the Surf[illegible] [illegible] on the Grinding of Glass. Vliianie poverkhnostnoi plenki na protsess shlifovki stekla. (Russian.) A. [illegible] [illegible] Keramika, v. 13, no. 5, May 1956 [illegible]

Experimental data [illegible] surface [illegible] [illegible]

PLAKSIN, Igor' Nikolayevich; RAZDELISHIN, Anatoliy Nikolayevich; RUDENKO, Konstantin Gerasimovich; SMIRNOV, Aleksandr Nikolayevich; TROITSKIY, Aleksandr Vasil'yevich; FISHMAN, Mikhail Aleksandrovich; GARBER, T.N., red.izd-va; KOROVENKOVA, Z.A., tekhn.red.

[Atlas of the industrial equipment of ore dressing plants] Atlas tekhnologicheskogo oborudovaniia obogatitel'nykh fabrik. Pod obshchei red. I.N.Plaksina. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 234 l. (MIRA 13:4)

1. Chlen-korrespondent AN SSSR (for Plaksin).
(Ore dressing--Equipment and supplies)

YEVSIOVICH, Simon Gdal'yevich; MITROFANOV, S.I., prof., retsenzent; TROITSKIY, A.V., inzh., retsenzent; VERIGO, K.N., red.; YEZDOKOVA, M.L., red.izd-va; KARASEV, A.I., tekhn.red.; KOROVENKOVA, Z.A., tekhn.red.

[Ore dressing in heavy suspensions] Obogashchenie rud v tiazhelykh suspenziiakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 290 p. (MIRA 13:4)
(Ore dressing)

POL'KIN, Stepan Ivanovich, prof., doktor tekhn.nauk; EYGELES, M.A., prof., doktor tekhn.nauk, retsenzent; TROITSKIY, A.V., inzh., retsenzent; AVSEYENOK, A.F., otv.red.; GLEMBOTSKIY, V.A., red.; YEZDOKOVA, M.L., red.izd-va; PROZOROVSKAYA, V.L., tekhn.red.; BERESLAVSKAYA, L.Sh., tekhn.red.

[Flotation of rare metal and tin ores] Flotatsiia rud redkikh metallov i olova. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 637 p. (MIRA 13:2)
(Flotation) (Nonferrous metals)

TROITSKIY, A.V., kapitan 3-go ranga

The officer's independence and initiative. Mor. sbor. 49 no.11:38-40 N '65.
(MIRA 18:12)

TROITSKIY, B. B., CAND TECH SCI, "EFFECT OF CERTAIN TECHNOLOGICAL FACTORS ~~ON~~ upon SURFACE QUALITY IN ~~PLANE POLIGHING~~ surface grinding BY MEANS OF A CIRCLE'S ~~PERIPHERY~~ circumference." MOSCOW, 1960. (MIN OF HIGHER AND SEC SPEC ED RSFSR, MOSCOW ~~BENCH~~ (Machine Tool and INSTRUMENT~~S~~ INST IM I. V. STALIN, CHAIR OF "TECHNOLOGY OF MACHINE BUILDING"). (KL, 3-61, 221).

TROITSKIY, B.B.

S/121/61/000/008/006/006
D041/D113

AUTHOR: None given

TITLE: Dissertations

PERIODICAL: Stanki i instrument, no. 8, 41-42

TEXT: V.P. Grechin presented the dissertation "Heat Resistance and Other
Wear Resistance Factors of Cast Iron and Alloys During Sliding Friction"
at the Institut mekhaniki Akademii nauk USSR (Institute of Mechanics of the
Academy of Sciences Ukrainskaya SSR) in order to obtain a doctor's degree.
The following dissertation were presented for a candidate's degree:
"Investigation of Small-Module Gear-Shapers" by Yu.R. Vitenberg at the
Leningradskiy institut tochnoy mekhaniki i optiki (Leningrad Institute of
Precision Mechanics and Optics); "The Effect of the Structural and Techno-
logical Factors of Spot-Welded and Seam-Welded Joints on the Distribution
of Stress Caused by Load and on the Fatigue Strength" by B.B. Zolotarev at
the TsNII tekhnologii i mashinostroyeniya (TsNII of Technology and Machine
Building); "Investigation of Screw-Nut Pairs During Rolling and Sliding"
by Kumar Basu Sushil at the Moskovskiy stankoinstrumental'nyy institut im.
I.V. Stalina (Moscow Institute of Machine Tools and Instruments im. I.V.
Card 1/2

S/121/61/000/008/006/006
D041/D113

Dissertations

Stalin); "Investigation of the Surface Accuracy and Smoothness Obtained by
Machining Hard and Brittle Materials Using the Ultra-Sound Vibrations Me-
thod" by A.Ya. Vladimirov at the Leningradskiy institut tochnoy mekhaniki i
optiki (Leningrad Institute of Precision Mechanics and Optics); "Effect of
Some Technological Factors on the Surface Quality Obtained by Plane Grinding
by Means of the Disc Periphery" by B.D. Troitskiy at the Moskovskiy stanko-
instrumental'nyy institut imeni I.V. Stalina (Moscow Institute of Machine
Tools and Instruments im. I.V. Stalin); "Investigation of the Automatic
Synchronization of Gear Changing" by I.M. Khovanov at the Moskovskiy ordena
Lenina i ordena Trudovogo Krasnogo Znameni Vyssheye tekhnicheskoy uchilish-
che im. N.E. Baumana (Moscow "Order of Lenin and Order of the Red Banner of
Labor" Higher Technical School im. N.E. Bauman); "Investigation of a Grind-
ing Process with an Oscillating Motion" by Tsao Shih-Shen at the Moskovskiy
avtomechanicheskiy institut (Moscow Automechanical Institute). [Abstrac-
ter's note: complete translation].

Card 2/2

IZMAYLOV, Petr Ivanovich; **KISLOV**, Vladimir Vladimirovich; **PAVLOV**, Vitaliy Fedorovich; **PETROV**, Nikolay Aleksandrovich; **TROITSKIY**, Boris Vladimirovich; **LEVCHUK**, G.P., red.; **VASIL'YEVA**, V.I., red.izd-va; **ROMANOVA**, V.V., tekhn.red.

[Topography and aerial topographical surveying] Topografiia i aerofototopografiia. Moskva, Izd-vo geod.lit-ry, 1959. 471 p.
(Topographical surveying) (Aerial photogrammetry)

1. BARANOV, N. F.; BAKHTIN, A. V.; TROITSKIY, B. A.

2. USSR (600)

4. Agriculture - Study and Teaching

7. Work practice of an agricultural propaganda group of the Talovaya District Agriculture Section. Voronezh Province. Dost. sel'khoz. no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ZABOTIN, K.P.; TROITSKIY, B.B.

Effect of pH and neutral salts on the solubility and solubilization of acrylic monomers. Trudy po khim.i khim.tekh. no.1:165-167 '63. (MIRA 17:12)

Effect of oxygen on the emulsion polymerization of acrylic monomers. Ibid.:168-171

L 39614-66 EWT(m)/EWP(j)/T IJP(c) WW/RM/GD-2

ACC NR: AR6004375 SOURCE CODE: UR/0081/65/000/015/S027/S028

AUTHOR: Zabotin, K. P.; Troitskiy, B. B.

TITLE: Effect of alcohols on the emulsion polymerization of acryl and metacryl acid esters

SOURCE: Ref. zh. Khimiya, Abs. 15S166

REF SOURCE: Tr. po khimii i khim. tekhnol. Gor'kiy, vyp. 2(10), 1964, 311-316

TOPIC TAGS: polymer, emulsion polymerization, methanol, ethanol, butanol, solubility

ABSTRACT: A study was carried out on the effect of the influence of alcohols (methanol, ethanol, butanol) on the emulsion polymerization (PM) of acrylic and metacrylic acids esters, which differ by their solubility in water. As an emulsifier, MK 0.3% solution in water was used; as an initiator - K-metabisulfite. The ratio: monomer to water was 10:1 (wt). The polymerization was carried put in a dilatometer at 40°. The relationship between the polymerization speeds of the polymers in question and the molecular weights of the polymers, and the concentration of methanol and ethanol are presented by curves with maximums. The speed of PM and the molecular weight of the polymer decrease with a concentration of butanol. The effect of alcohol on the emulsion PM is the stronger the higher the monomer solubility in water and the longer the hydrocarbonic radical of thealcohol molecule.

SUB CODE: 07/ SUBM DATE: none

Card 1/1

L 26723-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AR6011876 SOURCE CODE: UR/0081/65/000/016/S030/S031

35

AUTHOR: Vyakhirev, D. A.; Zabotin, K. P.; Zuyeva, Ye. M.; Troitskiy, B. B.; Vyshinskiy, N. N.; Nikolayeva, M. V.; Pogrebnaya, T. I.; Fomicheva, L. V.

TITLE: Gas chromotography study of impurities in methylmethacrylate and analysis of their effect on the process of polymerization

SOURCE: Ref. zh. Khimiya, Abs. 16S214

TOPIC TAGS: methanol, methylmethacrylate, glycol, polymerization rate, molecular weight, monomer

ABSTRACT: With the use of the gas chromatography method on an INZ-600 brick with a selective liquid phase of polyethylene glycol 1000, it has been determined that the basic admixtures in industrial methylmethacrylate are dimethyl ether, methylformate, methylpropionate, methanol, methyl-β-methoxypropionate, and three unidentified substances. An investigation was made of the effect of supplementing the detected admixtures to methylmethacrylate on the polymerization rate and the molecular weight of the polymer obtained by standard methods in emulsion at 40C. It was shown that up to 2% methanol increases the polymerization rate and the molecular weight. Above 1% methylformate decreases the molecular weight and above 3% decreases the polymerization rate. Methylpropionate sharply decreases the molecular weight and the polymerization rate at a concentration of 0.5 to 1%. Acetaldehyde has no effect on the

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Card 1/2

L 26723-66

ACC NR: AR6011876

polymerization rate, but it decreases the molecular weight. The addition of polymethylmethacrylate to a monomer causes an increase in the polymerization rate and a decrease in the molecular weight. Hydroquinone, added to the monomer as the inhibitor, causes a sharp drop of the polymerization rate and the molecular weight. V. Kopylov. [NT]
[Translation of abstract]

SUB CODE: 11,07/ SUBM DATE: none/

Card 2/2

E

COUNTRY : USSR
CATEGORY : Forestry. Forest Cultures.

ABS. JOUR. : RZhBiol., No. 23 1958, No. 104548

AUTHOR : Troitskiy, B. G.
INST. : [redacted]
TITLE : Planting Pine in Trenches in Areas Infested with May Beetles

ORIG. PUB. : Lesn. kh-vo, 1958, No. 4, 77-78

ABSTRACT : No abstract.

Card: 1/1

USSR / General and Special Zoology, Insects. Insect and Mite Pests. P

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54341.

Abstract: damping off of the seedlings is somewhat less after dipping the seedlings in the suspension, and also when the seedlings were planted in carbonate soil. The negative influence of hexachlorocyclohexane on the pine seedlings is also reflected in subsequent years. The higher concentration of commercial hexachlorocyclohexane in the dust increases the damping off of the seedlings even with the same expenditure of the active ingredient. The continuous application of the dust into the soil at the rate of 20 kg/ha. of commercial hexachlorocyclohexane does not inhibit the growth of the pine seedlings (the roots of the seedlings of the subsequent cultures were dusted with 25% hexachlorocyclohexane dust). Even on fertile soils, an expenditure of

Card 2/4

P

USSR / General and Special Zoology. Insects. Insect
and Mite Pests.

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54341.

Abstract: 25% hexachlorocyclohexane at the rate of 0.06 g per one seedling of Siberian larch inhibited the growth of the seedlings, and doses of 0.25, 0.5, and 1 g caused the loss of 14.7, 31.9 and 35.2% of the seedlings, respectively. The seedlings of the little-leaved linden on podzolized clayey soils and on chernozem-like sandy loam became sick after 0.06-0.5 g doses of 25% hexachlorocyclohexane. On clayey soils, even the 0.06 g dose of the 25% hexachlorocyclohexane decreased the rate of growth of the one- and two-year seedlings of the English oak (Quercus robur), while on sandy loam doses of 0.06-0.12 g stimulated the growth of the seedlings, but higher doses inhibited their growth. The 0.06-0.25 g doses of 25% hexachlorocyclohexane stimulated the

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USSR / General and Special Zoology. Insects. Insect and Mite Pests. P

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54341.

Abstract: growth of the two-year seedlings of the elm and Tartar maple, while higher doses inhibited this. The seedlings of the common ash on podzolized clayey soils tolerated 0.06-0.5 g doses of 25% hexachlorocyclohexane well, and showed a greater rate of growth (in comparison with the control) in the second and especially in the third year after planting when even with the dose of 1g the growth increment in height was 26% more than in the control. -- A. P. Adrianov.

Card 4/4

COUNTRY : USSR

K

CATEGORY : Forestry. Forest Cultures

ABS. JOUR. : RZhBiol., No. 2, 1959, No. 6178

AUTHOR : Troitskiy, B.G.

INST. : Tatar Forestry Experiment Station

TITLE : Experiment of Pre-Sowing Treatment of the Acorn with Chemicals.

ORIG. PUB. : Sb. tr. po lesn. kh-vu. Tatarsk. lesn.opytn. st., 1957, vyp. 13, 149-158

ABSTRACT : Experiments conducted in 1952 - 1955 in leskhozes of the Tatar Autonomaus SSR showed that pre-sowing dusting of acorns with a 12% hexachlorane* powder from a calculation of 0.01% and higher of seed weight decreased soil germination of the acorn and inhibited development of the young growth. However, dusting of the acorn with the same preparation before packing for winter storage from a calculation of 0.2 and 1.0% seed weight

* lindane

CARD: 1/3

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 2, 1959, No. 6178

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : significantly increased their soil germination. Combined dusting of the acorn before packing for winter storage with a 12% hexachlorane powder and granosan lowered the soil germination of the acorn and retarded development of the sprouts and also did not protect the development of the seedlings from injury by larvae of the leaf-chafer beetle. Granosan safeguarded the acorn from affliction during the winter storage,

CARD: 2/3

47

TROITSKIY, B. G.

USSR/Chemical Technology. Chemical Products and Their Application. Pesticides. J-10

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27491

Author : B.G. Troitskiy

Inst : Scientific Technical Society of Forest Industry of Tatar Republic.

Title : Influence of Hexachloran on Growth of Some Species of Trees.

Orig Pub: Sb. statey po les. kh-vu., Tatarsk. resp. nauch.-tekhn. o-vo les. prom-sti, 1956, vyp. 12, 145-158.

Abstract: The action of hexachloran (GKhTsG) on trees depends on the quantity (CR) of GKhTsG used, the age of trees and the soil conditions (SC). In case of the same SC and of CR equal to 0.25 g of 25%-ual dust of GKhTsG per tree, the preparation stimulates the growth of sets of elms (E), Tartar maples (TM) and ordinary ash, but destroys the sets of pedicelled oak, ordinary pine, Siberian larch and small-leaf lime. High concentrations of hexachloran depress E and TM, which are comparatively resistant to its action.

Card : 1/1

-3-

/ ROITSKIY, B.L.

USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., 1957, 35662

Author : Troitskiy, B.L.

Title : Concerning Immunity From Dysentery

Orig Pub: Zh. mikrobiol., epidemiol., i immunobiologii, 1956, No. 6, 24-29

Abstract: Given is the data of research done by various authors on dysentery in monkeys. In these animals bacteria carrying, and hence infectious as well as post-infectious immunity to dysentery was observed. Both forms of immunity are completely unstable and can be broken by general destructive factors, evidently helping the absorption into the blood of dysentery endotoxins. The duration of post-infectious immunity is not

Card 1/2

USSR /Microbiology. Medical and Veterinary Microbiology. F-6

Abs Jour: Referat. Zh.-Biol., 1957, 35662

great; however, upon a repeated infection, it is preserved for a long time. It was possible to produce in an experiment an inoculated sterile immunity which was weak, but which helped the organism to quickly clear itself of dysentery bacteria.

Card 2/2

TROITSKIY, B.N.

Controlling and improving the quality of automobile bodies. Avt.trakt. prom. no.9:20-23 S '53. (MLRA 6:9)

1. Gor'kovskiy avtozavod im. Molotova. (Automobiles--Bodies)

YAKOVLEVA, V.S.; TROITSKIY, B.P.

Interaction of copper tellurite and copper and copper disulfatotelluritocuproate with aqueous ethylenediamine solution. Zhur. neorg.khim. 1 no.2:264-273 F '56. (MLRA 9:10)

(Copper tellurite) (Ethylenediamine)

YAKOVLEVA, V.S.; TROITSKIY, B.P.

Formation of a complex compound the fusion of copper sulfate and tellurite. Zhur.neorg.khim. 1 no.2:257-263 F '56. (MLRA 9:10)

1. Laboratoriya fizicheskoy khimii Leningradskogo pedagogicheskogo instituta imeni Gertsena.
(Copper salts) (Compounds, Complex)

TROITSKIY, B.P.

7800

2

The formation of a complex compound on fusion of the sulfate and tellurite of copper. [illegible] B. P. Troitskii (Gertsen Pedagog. Inst., [illegible]ngrad). ~~Zhur. Neorg. Khim.~~ 1, 267-9(1956). [illegible] with $CuSO_4$ results in the formation of $CuTeO_3.2CuSO_4$ (I), m. 760°, d_4^{20} = 4.434 ± 0.002, undergoes a polymorphic transformation at 650°. In the observed range of fusion mixts (0.5-0.72 mole fraction $CuSO_4$) the compn. of I is independent of the compn. of the charge [illegible] formed by reaction of TeO_2 with excess $CuSO_4$, [illegible] 400° [illegible] 5.786, the specific elec. cond. varies from [illegible] to 1.907 at 840°. [illegible] Hochman

L 04266-67 EWT(1) GW

ACC NR: AP6013323 SOURCE CODE: UR/0413/66/000/008/0150/0150

AUTHORS: Golovanov, A. M.; Zelenskiy, V. Yu.; Polyakov, V. L.; Troitskiy, B. R. 32

B

ORG: none

TITLE: A method for consolidating loess soils. Class 84, No. 181007

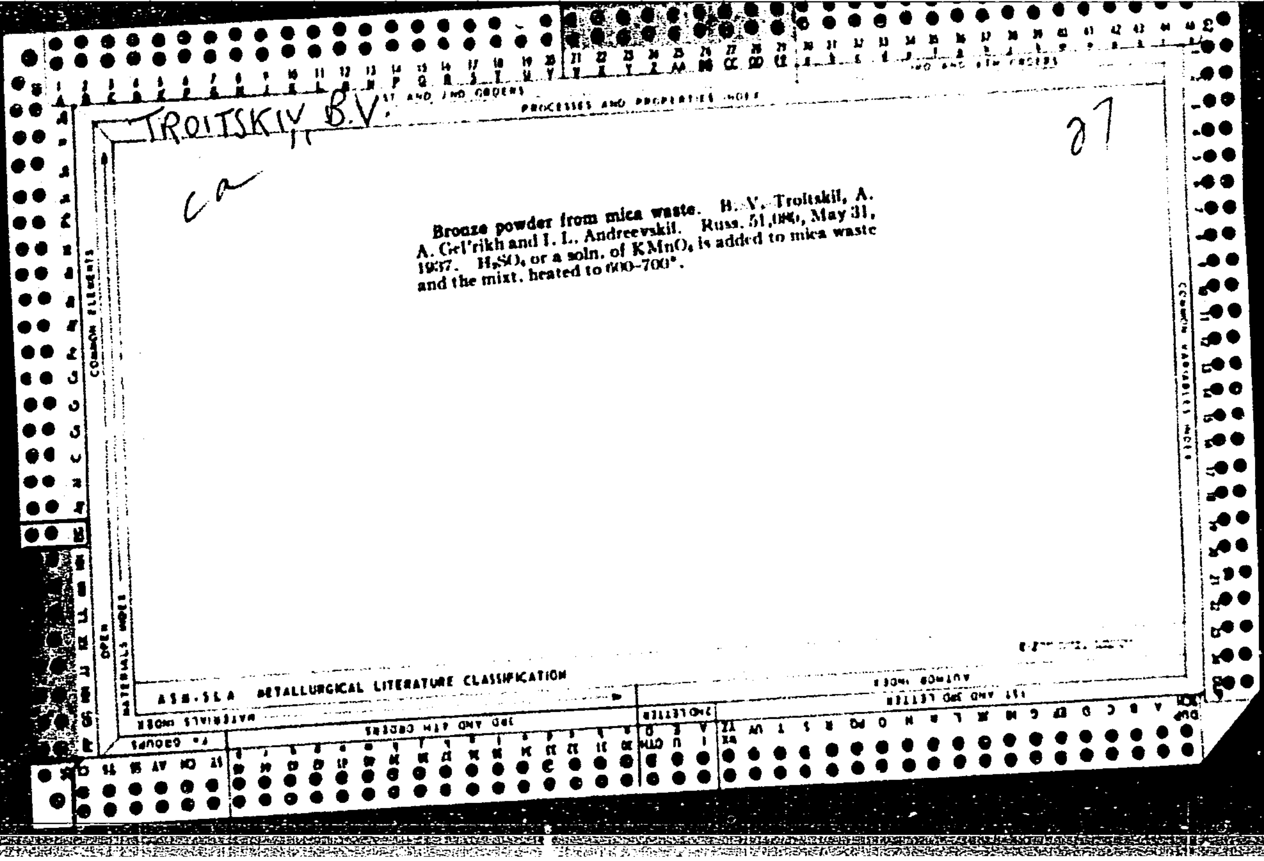
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 150

TOPIC TAGS: soil, soil property, soil mechanics, soil consolidation

ABSTRACT: This Author Certificate presents a method for consolidating loess soils by forcing into them (through injectors) a silicate solution fed by compressed air. To increase the radius of the consolidation zone, to shorten the period of injection, and to diminish the amount of the solution, forcing of the latter into the soil is conducted under an air pressure which is uniformly increased in the course of the process. The amount of the solution is held to 0--80 liters/minute.

SUB CODE: 08 / SUBM DATE: 21Dec64

Card 1/1 ev UDC: 624.138.24



TROITSKIY, B.V.

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Bronze powder from mica waste. B. V. Troitskii, A. A. Gel'rikh and I. L. Andreevskii. Russ. 51,080, May 31, 1937. H_2SO_4 or a soln. of $KMnO_4$ is added to mica waste and the mixt. heated to 600-700°.

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TROITSKIY, B.V.

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Lubricating grease. V. V. Leont'ev and B. V. Troitskii. Russ. 56,128, Nov. 30, 1939. Greases are prepd. from soaps made through the action of sol. Al salts on water-sol. salts of naphthenic or fatty acids in the presence of freshly pptd. $Al(OH)_3$ in an amt. required for an Al content of 23–49.5% in the soap.

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TROITSKIY, B.V.

The MV-13-type specialized semiautomatic thread-grinding machine.
Biul.tekh.-ekon.inform. no.1:29-31 '59. (MIRA 12:2)
(Screw-cutting machines)

BULANOV, Aleksandr Ivanovich; DANILOV, Vladimir Vladimirovich; ZAKATOV,
Petr Sergeyevich; YERMOLOV, Boris Pavlovich[deceased];
PAVLOV, Vitaliy Fedorovich; TROITSKIY, Boris Vladimirovich;
SLOBODCHIKOVA, D.A., red.; VASIL'YEVA, V.I., red. izd-va;
ROMANOVA, V.V., tekhn. red.

[Geodesy]Geodeziia. [By]A.I.Bulanov i dr. Pod obshchei red.
D.A.Slobodchikova. Moskva, Izd-vo geodez. lit-ry. Pt.1. 1962
315 p. (MIRA 16:1)
(Geodesy)

TROITSKIY, B. V.

"Instructions for Elevation Bases and Interpretation," Moscow, 1940

TROITSKIY, BORIS, VLADIMIROVICH

DOBROKHOTOV, Yuriy Sergeyevich; TROITSKIY, Boris Vladimirovich; ENTIN, I.I., redaktor; VASIL'YEVA, V.I., redaktor; SHLENSKIY, I.A., tekhnicheskiy redaktor [deceased]

[Manual on the use of a topographic altimeter] Rukovodstvo po rabote s topograficheskim vysotomerom. Moskva, Izd-vo geodezicheskoi lit-ry, 1954. 79 p. (MLRA 8:4)
(Altimeter)

TROITSKIY, B.V.

BULANOV, Aleksandr Ivanovich; PESHKOV, Andrey Aleksandrovich; TROITSKIY, Boris Vladimirovich; SLOBODCHIKOV, D.A., redaktor; LEVCHUK, G.P., redaktor; INOZEMTSEVA, A.I., redaktor; KUZ'MIN, G.M., rekhnicheskiy redaktor

[Topography] Topografiia. Pod obshchei red. D.A.Slobodchikova. Moskva, Izd-vo Geodezicheskoi lit-ry. Pt.2. 1954. 219 p. [Microfilm] (MLRA 8:3)

(Topographical surveying)

TROITSKIY, B.V.

YERMOLOV, B.P.; KUTUZOV, M.N.; MURAVIN, M.M.; SAYENKO, D.V., TROITSKIY, B.V.; ZAKATOV, P.S., professor, doktor tekhnicheskikh nauk, redaktor; RUDSHTEYN, M.L., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Geodesy] Geodeziia. Pod obshchei redaktsiei professora doktora tekhnicheskikh nauk P.S.Zakatova. Moskva, Izd-vo geodezicheskoi lit-ry. Pt.2. 1954. 283 p. [Microfilm] (MLRA 8:3)
(Geodesy)

TROitsKIY, B.V.

YERM LOV, Boris Pavlovich; ZAKATOV, Petr Sergeyevich; KUTUZOV, Mikhail Nikiforovich; MURAVIN, Mark Mikhaylovich; SAYENKO, Dmitriy Vasil'yevich; TROITSKIY, Boris Vladimirovich; HUDSHTEYN, M.L., redaktor; POVALYAYEV, P.I., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Geodesy] Geodeziia. Pod obshchei red. P.S.Zakatova. Moskva, Izd-vo geodezicheskoi lit-ry. Pt. 1. 1954. 519 p. (MLRA 8:7)
(Geodesy)

TROITSKIY, B.V.

BULANOV, A.I.; IZMAYLOV, P.I.; PETROV, N.A.; TROITSKIY, B.V.; SLOBODCHIKOV, D.A., redaktor; LEVCHUK, G.P., redaktor; INOZEMTSEVA, A.I., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor.

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SUDAKOV, S.G.; VIROVETS, A.M.; KURYTSIN, S.V.; PAVLOV, V.F.; PODOBEDOV, N.S.; POPOV, V.A.; RYTOV, A.V.; SOKOLOVA, N.A.; SOKOLOV, M.N.; TROITSKIY, B.V.; SHNEYDERMAN, Z.S.

[Instructions for topographical surveying; scale 1:5000 and 1:2000] Instruktsiia po topograficheskoi s"emke v masshtabakh 1:5000 i 1:2000. Moskva, Izd-vo geodezicheskoi lit-ry, 1955. 87 p. [Microfilm] (MIRA 8:2)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.
(Topographical surveying)

TROITSKIY, B.V., redaktor; KOMAR'KOVA, L.M., redaktor izdatel'stva;
KUZ'MIN, G.M., tekhnicheskiy redaktor.

[Instructions for topographical surveying in 1:10,000 and 1:25,000 scales] Nastavlenie po topograficheskoi s"emke v masshtabakh 1:10,000 i 1:25,000. Moskva, Izd-vo geodez.lit-ry. Pt.1.[Field work] Polevye raboty. 1956. 105 p. [Microfilm] (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii. (Topographical surveying)

TROITSKIY, B.V., redaktor; ROMANOVA, V.V.tekhnicheskiy redaktor.

[Conventional signs for topographic maps with scales of 1:5000, 1:2000, 1:1000, and 1:500] Uslovnye znaki dlia topograficheskikh planov masshtabov 1:5000, 1:2000, 1:1000, i 1:500. Izd.3-e, Moskva, Izd-vo geodez.lit-ry, 1957. 145 p. (MLRA 10:6)

1. Russia(1923- U.S.S.R.)Glavnoye upravleniye geodezii i kartografii. (Topographical drawing--Conventional signs)

TROITSKIY, B.V.

BULANOV, A.I.; TROITSKIY, B.V.

Experimental research work conducted in aerial geodetic surveying establishments. Geod. i kart. no.4:3-8 Ap '57. (MIRA 10:8)
(Aerial photogrammetry)

TROITSKIY, B.V.

Preliminary data on the verification of the accuracy of stereotopographic measurements. Geod. i kart. no.6:27-30 Je '57.
(MLRA 10:8)
(Topographical surveying)

TROITSKIY, B.V.

AUTHOR: Sukhov, A. I., Docent SOV/154-58-2-15/22

TITLE: Chronicle (Khronika) III

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1958, Nr 2, pp 110-111 (USSR)

ABSTRACT: This is a report on the deliberations held from April 23 to 28 by the engineers and department heads of the technical supervision of geodetical activities of the Central Administration of Geodesy and Cartography of the MVD SSSR (Department of the Interior of the USSR). Opening speech and report by the Head of GUGK (State Administration of Geodesy and Cartography), S. G. Sudakov: "On the New Tasks of the GUGK With Respect to the Perfecting of Topographical and Geodetic Work of Importance to the National Economy, Such as the Analysis of the Accuracy of Measurements in Triangulations of the 2nd and 3rd Classes, and the Application of Optical Range Finders in Geodetic Work." U. S. Uspenskiy, Candidate of Technical Sciences, reported on: "Some Results of the Study of Centers and Bearing Points Within the Territory of the USSR." Engineer P. I. Durnev: "New Geodetical Instruments for Topographical Photographs." Engineer S. G. Gavrilov: "The Technical Planning of New Geodetical and Topographic Surveys." Engineer B. V. Troitskiy: "Marking Points for the Preparation of Surveys." ~~Engineer I. V.~~ Krylov: "Analytical Methods for the Determination of Bench and Height Markers." Engineer S. I. Yurov: "On the Overall Preparations for Aerial Photographs." B. D. Zapradov: "The Checking of Stereotopographical Surveys in the AGP-Moscow." M. D. Konshin, Professor, Doctor of Technical Sciences: "The Use of Elements of Outer Orientation in the Photometrical Preparation of Aerial Photographs and Improvements in the Accuracy of Stereoscopic Measurements." G. A. Krashennikov, Candidate of Technical Sciences: "Some Remarks on the Drobyshev-Stereograph." V. Ya. Mikhay, Candidate of Technical Sciences: "On Improving the Photographic Quality of Aerial Photos." Engineer Kashin: "Camera Work in Field-Partitioning in the Severo-kavkaz-AGP." G. S. Dyakov: "On the Present State of Technical Instruction for Geodetic Work." Furthermore the meeting dealt with the envisaged rationalization of the new geographic-geodetic technique (GUGK 1957). Lively discussions followed the lectures. On April 28 the head engineers of the AGP and the collaborators of the MIIGA i K (Moscow Engineering Institute of Geodesy, Aerophotography, and Cartography) discussed some questions relating to the work at the Institutes of Geodesy (Lecture by P. S. Zakatov, Professor, Doctor of Technical Sciences).

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TROITSKIY, B. V.

"Marking Control Points for the Geodesic Preparation of Photographs".

report presented at a Conference of the Chief Engineers and Directors of the Technical Control of Aerial Surveying Enterprises, Moscow Central Bureau of Surveying and Cartography, Min. of Interior USSR.
(Geodeziya i kartografiya, 1958, no. 6, 77-78)

Mbr. of the staff of: GUGK